

## CLAIMS

1. A method for conditional displaying of an electronic message comprising at least one display condition for the message in a portable electronic device (1),

**characterized** by the steps of:

receiving the message from an external device;

10 determining the geographical position of the portable electronic device;

determining whether the geographical position fulfills a geographical display condition of the message; and

15 displaying the message in the portable electronic device if the at least one display condition is fulfilled.

2. The method according to claim 1, wherein the step of determining whether the geographical position fulfills the geographical display condition comprises determining whether the portable electronic device (1) is located 20 within a geographical area specified by the geographical display condition.

3. The method according to claim 1 or 2, wherein the step of determining whether the geographical position fulfills the display condition comprises determining whether the portable electronic device (1) is located 25 within a certain distance specified by the geographical display condition from the location of another electronic device, which has transmitted the message.

4. The method according to any of the claims 1 to 3, further comprising the step of determining whether a time limit of a time display condition for indicating a final 35 display time of the message has lapsed, wherein the step of

displaying is executed if said time limit has not lapsed when the geographical display condition is fulfilled.

5. A method for forming an electronic message in an electronic device (1), comprising the step of entering said message, **characterized** by the steps of

entering a at least one display condition comprising a geographical display condition for conditional displaying of the message;

10 appending said display condition to said message; and entering a receiver address to which the message should be sent.

15 6. The method according to claim 5, wherein the step of entering the display condition comprises the step of entering a geographical area in which the electronic device should be located when the message is displayed in another electronic device (91).

20 7. The method according to claim 5, wherein the step of entering the display condition comprises the step of entering a geographical area in which a portable electronic device (91) to which the message should be forwarded should be located when the message is displayed.

25 8. The method according to claim 5, wherein the step of entering the display condition comprises the step of entering a certain distance with regard to a specific geographical area, within which a portable electronic device (91) to which the message should be forwarded should be located when the message is displayed.

9. A method for forwarding an electronic message from an electronic communication device (1, 70, 80, 90) to a

portable electronic communication device (71, 82, 91), comprising the steps of

receiving the message from the electronic communication device;

5 receiving the geographical position of the portable communication device;

**characterized** by the steps of

determining whether the geographical position of the portable communication device fulfills a geographical

10 display condition of the message; and

forwarding the message to the portable communication device when at least the geographical display condition is fulfilled.

15 10. The method according to claim 9, wherein the display condition comprises a time display condition, and the step of determining further comprises the step of:

determining whether a time limit of a time display condition has lapsed;

20 the step of forwarding is only executed if said time limit has not lapsed when said geographical position fulfills said geographical display condition; and

discarding the message if the geographical position does not fulfill said geographical display condition within 25 said time limit.

30 11. The method according to claim 9 or 10, wherein the display condition requires that the portable communication device (1, 90) is located within a certain distance specified by the geographical display condition from the electronic communication device (91).

35 12. The method according to any the claims 9 to 11, further comprising the step of receiving the geographical position of the electronic communication device (1, 90),

being a portable electronic communication device, from said device itself.

13. A portable electronic device (1) for displaying an electronic message having at least one display condition for conditional displaying of the message, comprising display means (10, 13, 35) for displaying the electronic message, **characterized by**

5 receiving means (14, 17, 30) for receiving the message from an external device;  
10 position determination means (31) for determining the geographical position of the portable electronic device (1); and

15 determining means (32) for determining whether the geographical position fulfills a geographical display condition of the message.

14. The device according to claim 13, further comprising a message interface (34) adapted to display the electronic message if the geographical position fulfills the geographical display condition.

15. The device according to claim 13 or 14, wherein the determining means (32) is adapted to, in operation, determine whether the portable electronic device is within 25 a geographical area specified in the geographical display condition or within a certain distance therefrom.

16. The device according to any of the claims 13 to 30, wherein the determining means (32) is adapted to determine, in operation, whether the portable electronic device (91) is located within a certain distance from another electronic device (90), from which the electronic message has been transmitted.

17. The device according to any of the claims 13 to 16, wherein the electronic message is a notification message.

18. The device according to any of the claims 13 to 5 16, wherein the message is an SMS, an EMS, or an MMS message.

19. An electronic communication device (1) for forming an electronic message therein, comprising input 10 means (10) for entering the electronic message and at least one display condition for conditional displaying of the message to be appended to said message, and a message interface (34) for forming the electronic message, **characterized** in that

15 the message interface is adapted to append to the electronic message a geographical display condition; and the electronic device (1) comprises transmitting means (14, 17, 30) for transmitting the message to an external device.

20 25 20. The device according to claim 19, wherein the message interface (34) is adapted to incorporate into the geographical display condition information with regard to a geographical area, in which the external device should be located when the electronic message is displayed.

21. The device according to claim 19, and wherein the message interface (34) is adapted to incorporate into the geographical display condition information with regard to a 30 certain distance from the electronic communication device (1, 90) within which the external device should be located when the electronic message is displayed.

22. The device according to any of the claims 19 to 35 21, wherein the device is a mobile radio terminal, a pager,

a personal digital assistant, a communicator, a smartphone or an electronic organizer.

23. The device according to any of the claims 19 to 5 21, wherein the device is a mobile telephone (1).

24. A network node being a part of a communication network for forwarding an electronic message having at least one display condition for conditional displaying of 10 the message, comprising

receiving means (30) for receiving the electronic message from a first electronic communication device (70, 80, 90); and

15 a memory means (53) for temporarily storing the electronic message;

**characterized in that**

the electronic message comprises a geographical display condition;

20 position determining means (51) for determining the geographical position of at least the second communication device;

determining means (55) adapted to determine whether the geographical position fulfills the geographical display condition.

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25. The network node according to claim 24, wherein the display condition requires that at least the second electronic communication device (71, 81, 91) is located within a certain distance of a specific geographical area 30 when the message is forwarded, and the determining means (55) is adapted to determine whether the second electronic communication device is located within said geographical area.

26. The network node according to claim 24, wherein the display condition requires the second electronic communication device (71, 81, 91) to be within a certain distance of the first electronic communication (70, 80, 90) 5 device when the message is forwarded to the second electronic communication device, and the determining means (55) is adapted to determine whether the second electronic communication device is located within said geographical area.

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27. The network node according to any of the claims 24-26, further comprising transmitting means (30) for forwarding the electronic message to a second electronic communication device (71, 81, 91), said transmitting means 15 is adapted to forward the electronic message to the second electronic communication device when at least one display condition is fulfilled.

28. A software program product embodied on a computer 20 readable medium, comprising computer readable instructions for carrying out the method according to any of the claims 1-4 when carried out by a processor (32).

29. A software program product embodied on a computer 25 readable medium, comprising computer readable instructions for carrying out the method according to any of the claims 5-8 when carried out by a processor (54).

30. A software program product embodied on a computer 30 readable medium, comprising computer readable instructions for carrying out the method according to any of the claims 9-12 when carried out by a processor (32).